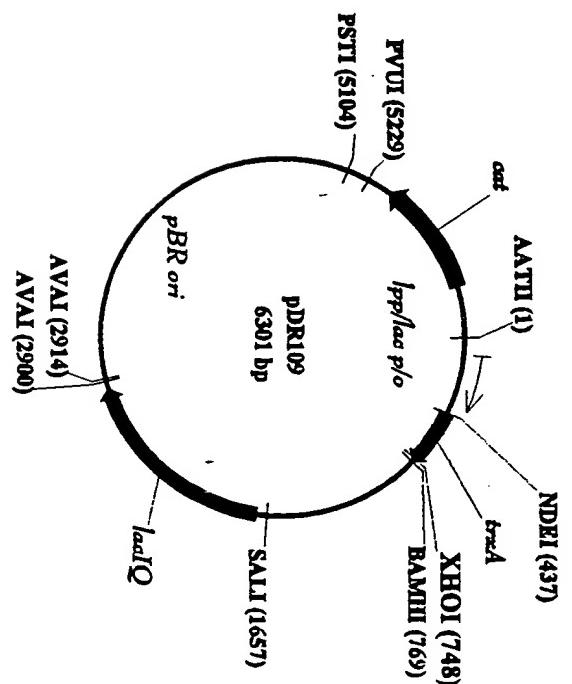
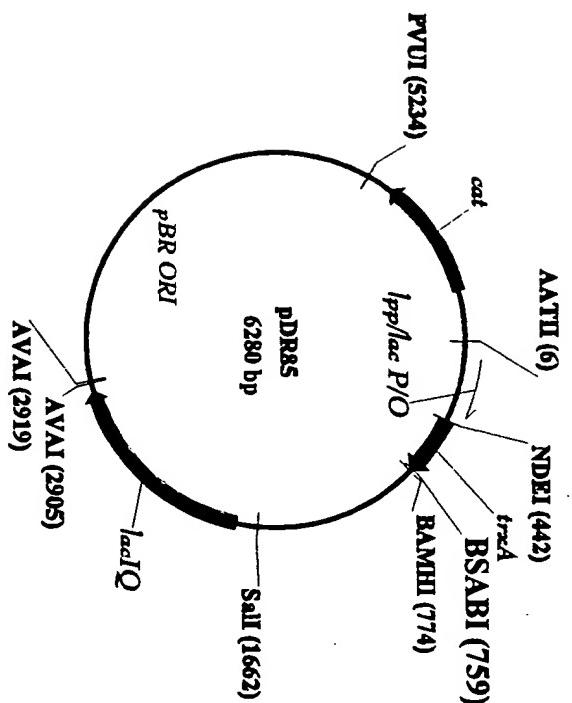


Figure 3



IN THE CONSTRUCTION OF pDR109 THE *trxA* GENE WAS ALTERED TO REPLACE THE *BSABI* SITE WITH A UNIQUE XHOI RESTRICTION SITE FOR EASY SUBCLONING OF A DOWNSTREAM RECOMBINANT GENE.

SEQ ID NO: 11 Leu Asp Ala Asn Leu Ala ***
 SEQ ID NO: 12 CTC GAT GCT AAT CTG GCG TAA
 ||||| ||||| ||||| ||||| ||||| |||||
 SEQ ID NO: 13 CTC GAG GCT AAT CTG GCG TAA
 ||||| ||||| ||||| ||||| |||||
 SEQ ID NO: 14 Leu Glu Ala Asn Leu Ala ***

pDR85 Sequence

pDR109 Sequence

Figure 5

(delete)

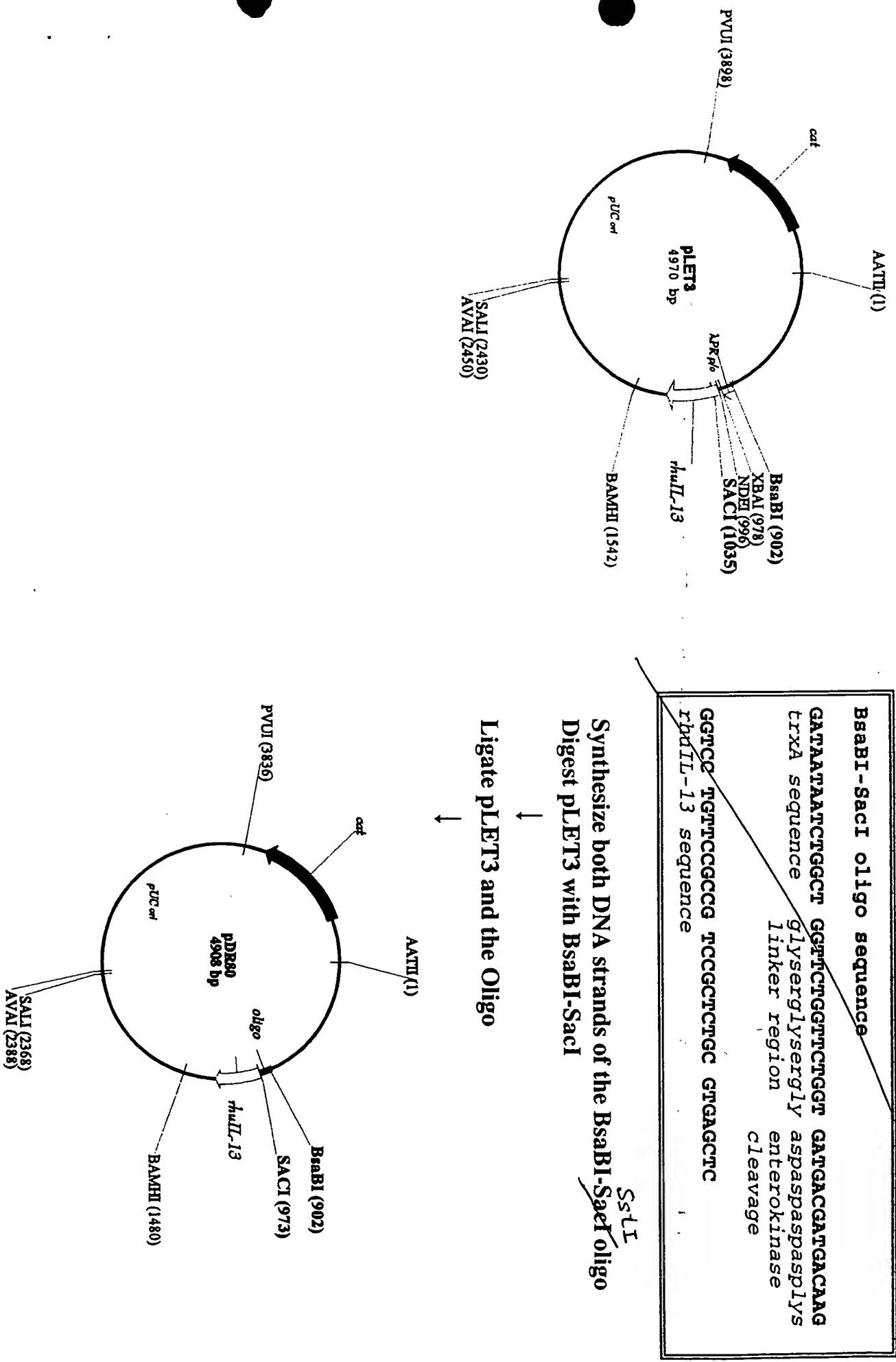
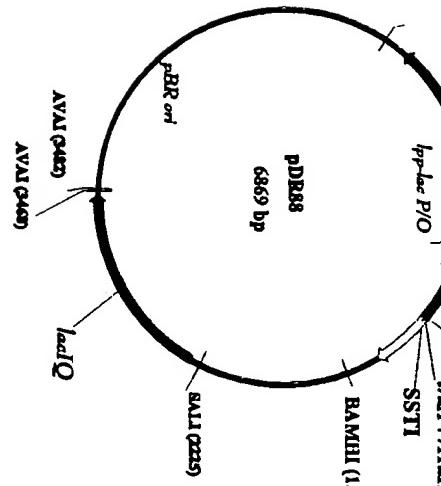
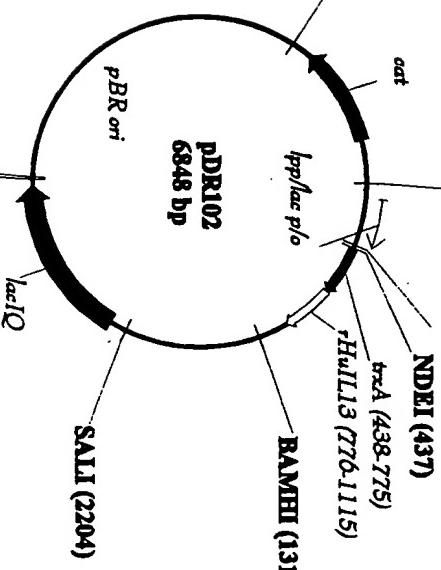


Figure 6

PvuI (5777) 

att(1) NDEI(437)
BSABI
trxA + Hull.13
SSTI
BAMHI (1337)

SYNTHESIZE A DOUBLE STRANDED OLIGO
WITH BSABI/SSTI RESTRICTION SITES
LIGATE INTO BSABI/SSTI DIGESTED pDR88

PvuI (5776) 

att(1) XBAI (419)
NDEI (437)
trxA (438-775)
Hull.13 (776-1115)
BAMHI (1316)

pBR ori
trp-lac P/O
SALI (2204)
lacIQ
AVAI (3461)
AVAI (3447)

pDR102
6848 bp

R.B.S.
GCG AAG GAG GCT GAT TAAATG GCT CCG CCG TCT ACC GCT CTG CGT GAG CTC
trxA
stop
SstI

trxA-Hull.13 (776-1115) (delete)